

15-Mar-2022

Order No. **18388395**

Ref. No. **328104853**

Sequence - RORF

100 nmole DNA Oligo, 24 bases

5'- SCC AAT ATG TTA AAC ASC ATG TCA -3'

Properties

T_m (50mM NaCl)*: 53.8 °C
GC Content: 37.5%
Molecular Weight: 7,304.8
nmoles/OD260: 4.2
ug/OD260: 30.5
Ext. Coefficient: 239,450 L/(mole·cm)

Amount Of Oligo

22.6 = 94.4 = 0.69
OD₂₆₀ nmoles mg
For 100 µM: add 944 µL

Shipped To

HOLLIE PUTNAM
UNIVERSITY OF RHODE ISLAND
120 FLAGG RD
KINGSTON, RI 02881-2015
USA
4018749510
Customer No. 446457 PO No. Credit Card

Secondary Structure Calculations

Lowest folding free energy (kcal/mole): -0.77 at 25 °C
Strongest Folding *T_m*: 36.5 °C

Oligo Base Types

DNA Bases Quantity
24

Modifications and Services

Standard Desalting Quantity
1

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See on reverse page notes (I) (II) & (III) for usage, label license, and product warranties

Mfg. ID 464628429

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464628429		464628429	
RORF		RORF	
5'-SCC AAT ATG TTA AAC ASC ATG TCA -3'		5'-SCC AAT ATG TTA AAC ASC ATG TCA -3'	
MW = 7,304.8g/mol T _m = 53.8 °C		MW = 7,304.8g/mol T _m = 53.8 °C	
22.6 OD = 94.4 nmol = 0.69 mg		22.6 OD = 94.4 nmol = 0.69 mg	

I N S T R U C T I O N S

*Lyophilized contents may appear as either a translucent film or a white powder. This variance does not affect the quality of the oligo.

*Please centrifuge tubes prior to opening. Some of the product may have been dislodged during shipping.

*The *T_m* shown takes no account of Mg²⁺ and dNTP concentrations. Use the OligoAnalyzer® Program at www.idtdna.com/scitools to calculate accurate *T_m* for your reaction conditions.

M

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